

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Clopay Building Products Company 8585 Duke Boulevard Mason, OH 45040

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Commercial Insulated W6 DP36T Steel Sectional Garage Door up to 18'-2" Wide w/ Optional Impact Resistant Lites

APPROVAL DOCUMENT: Drawing No. **104826**, titled "1-3/4" Intellicore Doors up to 18'2"W", sheets 1 through 3 of 3, dated 07/28/2014, with revision 04 dated 2/2015, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, manufacturing address, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 14-0805.06 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

05/14/2015

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

MIAMI-DADE COUNTY APPROVED

NOA No 15-0225.29 Expiration Date: January 15, 2020 Approval Date: May 21, 2015 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 104826, titled "1-3/4" Intellicore Doors up to 18'2"W", sheets 1 through 3 of 3, dated 07/28/2014, with revision 04 dated 2/2015, prepared by Clopay Building Products Company, signed and sealed by Mark Westerfield, P.E.

B. TESTS "Submitted under NOA # 14-0805.06"

- 1. Addendum 2 to Test Report No. **ATLNC 0916.01-13**, dated 06/11/2014, signed and sealed by David W. Johnson, P.E.
- 2. Addendum to Test Report No. **ATLNC 0916.01-13**, dated 05/21/2014, signed and sealed by David W. Johnson, P.E.
- 3. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8

along with marked-up drawings and installation diagram of 18'2"x 8', 27ga steel garage door Model 3717W6 with Lexan MR10 windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 0916.01-13**, dated 02/20/2014, signed and sealed by David W. Johnson, P.E.

- 4. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 2) Large Missile Impact Test per FBC, TAS 201-94
 - 3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 4) Forced Entry Test, per FBC, TAS 202-94
 - 5) Tensile Test per ASTM E8

Along with marked-up drawings and installation diagram of 16'2"x 8', 27ga steel garage door Model GD2LPW8 with MAK SL and/or MAK 15 windows, prepared by American Test Lab, Inc., Test Report No. **ATLNC 1105-01-13**, dated 01/14/2014, signed and sealed by David W. Johnson, P.E.

5. Test report on Salt Spray per ASTM B117 of painted G40 galvanized coated panels, prepared by Stork Materials Technology, Test Report No. 30160-04-63365, dated 01/26/2005, signed by John D. Lee, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No 15-0225.29

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C. CALCULATIONS "Submitted under NOA # 14-0805.06"

1. Jamb anchor calculations prepared by Clopay Building Products Company, dated 07/22/2014, signed and sealed by Mark Westerfield, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 13-0717.01 issued to SABIC Innovative Plastics for their Lexan Polycarbonate Sheet Products, approved on 11/28/2013, expiring on 07/17/2018.
- 2. Notice of Acceptance No. 12-0605.05 issued to Bayer Material Science LLC (MA) for their Makrolon Polycarbonate Sheets, approved on 12/06/2012, expiring on 08/27/2017.
- 3. Test report on Surface Burning Characteristics, per ASTM E84 of the polyurethane, Test Report No. 100585112SAT-001A, prepared by Intertek Testing Services, NA, Inc., dated 12/13/2011, signed by Servando Romo.

F. STATEMENTS

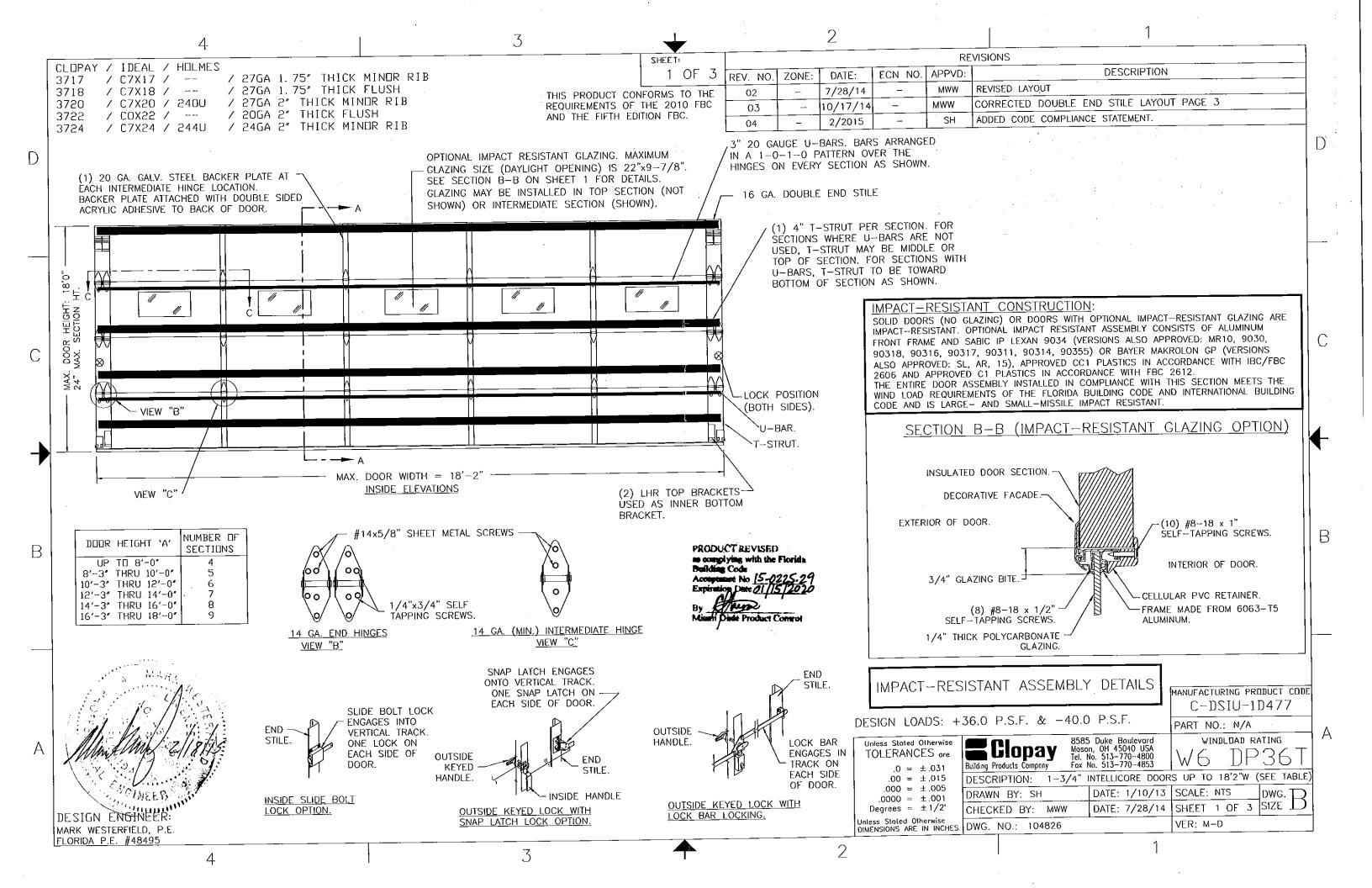
1. Statement letter of code conformance with the 2010 and the 5th edition (2014) FBC issued by Clopay Building Products Company, dated 02/18/2015, signed and sealed by Mark Westerfield, P.E.

"Submitted under NOA # 14-0805.06"

2. Statement letters of code conformance to 2010 FBC and no financial interest, both issued by Clopay Building Products Company, dated 07/29/2014, signed and sealed by Mark Westerfield, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No 15-0225.29

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2 **REVISIONS** SHEETS CLOPAY / IDEAL / HOLMES DESCRIPTION / 27GA 1.75" THICK MINOR RIB 2 OF 3 ECN NO. APPVD: REV. NO. 70NE: DATE: / C7X17 / --/ 27GA 1.75" THICK FLUSH MWW SEE REVISION HISTORY ON SHEET ONE. / C7X18 / --/ 27GA 2" THICK MINDR RIB / C7X20 / 240U 3720 / 20GA 2" THICK FLUSH 3722 / COX55 / ---- 1-3/4" THICK MIN. / 24GA 2" THICK MINDR RIB / C7X24 / 244U 3724 \Box .POLYURETHANE FOAM INSULATION (2.4# PCF) 27 GA. (.016" MIN.) EXTERIOR STEEL JAMB TO SUPPORTING STRUCTURE ATTACHMENT SKIN WITH G-40 MIN. GALV., BAKED-ON HORIZONTAL (TOP) JAMB POLYESTER PAINTED TOP COAT APPLIED (NO LOAD FRÔM DOOR) 1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO TO BOTH SIDES OF STEEL SKIN. THE 2×6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS MIN. YIELD 48 KSI TRANSFERRED TO THE HORIZONTAL (TOP) JAMB. 2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +324 LB & -360 LB. PER LINEAR FOOT OF JAMB. 3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A 12 GA. GALV. STEEL TOP ROLLER BRACKET. EACH FLUSH MOUNTING SURFACE. **FASTENER** BRACKET ATTACHED W/(5) #14x5/8" SHEET METAL 4. A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE TYPE SCREWS. ADJUSTABLE SLIDE ATTACHED TO TOP LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY. BRACKET WITH (2) 1/4"x1/2" BOLTS AND NUTS PER BRACKET. NOTE: 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK, HOWEVER, SECTIONS ARE 1-3/4" THICK (MIN.) PANELS. MAX. O.C. IF DESIRED ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS EXTERIOR 27 GA. MIN. GALV. STEEL INTERIOR 27 GA. VIEW "D" DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY MIN. GALV. STEEL, THE STUCCO EMBOSSED STEEL TALL TAPER STRUT. THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE OR BLOCK TEXTURE IS PREPAINTED WITH A BAKED POLYESTER WALLS, ANCHORS CAN BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH 0.062" MIN. GALV. STEEL, PAINT, MINOR RIBS ARE PLACED EVERY 4 INCHES MOUNTING SURFACE, CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT 80 KSI MIN. ALONG THE WIDTH OF THE EXTERIOR PANELS. REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN OR STEEL JAMBS. 2x6 VERTICAL JAMB TONGUE AND GROOVE JOINTS. VIEW "E" -14 GA. GALV. ROLLER HINGE, EACH HINGE FASTENED PYÀ 3" TALL 50 KSI U-BAR TO END STILES W/(4) #14x5/8" SHEET METAL AND 20 GA, GALV. STEEL. (2) 1/4"x3/4" SELF TAPPING SCREWS. (SEE VIEW "B") -(1) 3" x 20GA, STEEL U-BARS AT THE TOP OF EVERY OTHER SECTION. ATTACHED WITH (2) 1/4"x3/4" SELF-TAPPING SCREWS PER HINGE LOCATION. (SEE VIEW "E") ONE 4" T-STRUT PER SECTION. (SEE VIEW "D") EACH T-STRUT ATTACHED AT EACH HINGE LOCATION WITH (2) 1/4"x3/4" SELF TAPPING SCREWS. 27 GA. (.016" MIN.) INTERIOR STEEL SKIN PRODUCT REVISED WITH G-40 MIN. GALV., BAKED-ON as complying with the Florida POLYESTER PAINTED TOP COAT APPLIED Building Code TO BOTH SIDES OF STEEL SKIN. Acceptance No 15-0225-29 Expiration Page 01/15/2020 12 GA, GALV. STEEL BOTTOM BRACKET. ATTACHED WITH (4) #14x5/8" SHEET METAL SCREWS. FASTENER ATTACHMENT TO SUPPORTING STRUCTURE SCHEDULES ALUMINUM EXTRUSION & VINYL WEATHERSTRIP. MAXIMUM ON-CENTER SECTION A-A (SIDE VIEW) DISTANCE WASHERS BETWEEN **FASTENERS** REQUIRED? BUILDING TYPE HOLLOW BLOCK WALL 1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR GROUT FILLED BLOCK WALL 1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR 2000 PSI MIN. CONCRETE 1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR 1″ O.D. MANUFACTURING PRODUCT CODE 1" O.D. 1" O.D. C-DSIU-1D477 1" O.D. 1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR 2000 PSI MIN. CONCRETE DESIGN LOADS: +36.0 P.S.F. & -40.0 P.S.F. 15-1/2" INCLUDED 3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR PART NO.: N/A 2000 PSI MIN. CONCRETE 4000 PSI MIN. CONCRETE 3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR
WOOD FRAME (SYP 0.55 SG) 1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE 8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853 WINDLOAD RATING 16-3/4" Unless Stated Otherwise 1" O.D. **E** Glopay TOLERANCES are 14GA STEEL (0.060" MIN.) 1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER 1" O.D. 12GA STEEL (0.105" MIN.) 1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER Building Products Company $.0 = \pm .031$ 14-1/2" 1" O.D. 1/4"-14 x 1" ITW BUILDEX TEKS SELF-DRILLING FASTENER 1-3/4" INTELLICORE DOORS UP TO 18'2"W (SEE TABLE) $.00 = \pm .015$ DESCRIPTION: * FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED $.000 = \pm .005$ DRAWN BY: SH DATE: 1/10/13 SCALE: NTS AT LEAST AS HIGH AS THE DOOR OPENING. $.0000 = \pm .001$ DATE: 7/28/14 SHEET 2 OF 3 SIZE B CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS. Degrees = $\pm 1/2$ CHECKED BY: MWW MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS. DESIGN., ENGINEER Inless Stated Otherwise VER: M-D MARK WESTERFIELD, RE DWG. NO.: 104826 DIMENSIONS ARE IN INCHES. FLORIDA P.E. #48495

